OHIO PUBLIC WORKS COMMISSION

77 South High Street, Room 1629
Columbus, Ohio 43266-0303
(614) 466-0880 CB 202

APPLICATION FOR FINANCIAL ASSISTANCE

NOTE: Applicant should consult the "Instructions for Completion of Project Application" for assistance in the proper completion of this form.

APPLICANT NAME: City of Cincinnati
STREET: 801 Plum Street
Room 440
CITY/ZIP: Cincinnati, OH 45202

PROJECT NAME: McMillan Street Bridge over Reading Road-Rehabilitation
PROJECT TYPE: Bridge Rehabilitation
TOTAL COST: $ 1,100,000.00

DISTRICT NUMBER: 2
COUNTY: Hamilton

PROJECT LOCATION ZIP CODE: 45206

This section to be completed by District Committee ONLY:

DISTRICT FUNDING RECOMMENDATION

AMOUNT OF REQUEST: $ 800,000.00

FUNDING SOURCE (Check Only One):

- [X] State Issue 2 District Allocation
- [ ] State Issue 2 Small Government Funds
- [ ] State Issue 2 Emergency Funds
- [ ] Local Transportation Improvement Program

This section to be completed by OPWC ONLY:

OPWC PROJECT NUMBER: _____

OPWC FUNDING AMOUNT: $ _____

1.0 APPLICANT INFORMATION

1.1	CONTACT PERSON	Brian Pickering, P.E.
	TITLE	Supervising Engineer
	STREET	801 Plum Street
		Room 430
	CITY/ZIP	Cincinnati, Ohio 45202
	PHONE	(513) 352 - 2452
	FAX	( ) -
1.2	CHIEF EXECUTIVE OFFICER	Scott Johnson
	TITLE	City Manager
	STREET	801 Plum Street
		Room 152
	CITY/ZIP	Cincinnati, Ohio 45202
	PHONE	(513) 352 - 3241
	FAX	( ) -
1.3	CHIEF FINANCIAL OFFICER	Frank Dawson
	TITLE	Director of Finance
	STREET	801 Plum Street
		Room 250
	CITY/ZIP	Cincinnati, Ohio 45202
	PHONE	(513) 352 - 3731
	FAX	( ) -
1.4	PROJECT MGR	Brian Pickering, P.E.
	TITLE	Supervising Engineer
	STREET	801 Plum Street
		Room 430
	CITY/ZIP	Cincinnati, Ohio 45202
	PHONE	(513) 352 - 2452
	FAX	( ) -
1.5	DISTRICT LIAISON	William Brayshaw, P.E., P.S.
	TITLE	Deputy County Engineer
	STREET	700 County Administration Building
		138 E. Court Street
	CITY/ZIP	Cincinnati, Ohio 45202
	PHONE	(513) 632 - 8523
	FAX	( ) -

2.0 PROJECT SCHEDULE

		ESTIMATED START DATE	ESTIMATED COMPLETE DATE
2.1	ENGR. DESIGN	10 / 20 / 89	3 / 20 / 90
2.2	BID PROCESS	4 / 1 / 90	6 / 1 / 90
2.3	CONSTRUCTION	6 / 1 / 90	11 / 1 / 90

3.0 PROJECT INFORMATION

3.1 PROJECT NAME: McMillan Street Bridge over Reading Road-Rehabilitation

3.2 BRIEF PROJECT DESCRIPTION

A. SPECIFIC LOCATION: McMillan Street Bridge over Reading Road, 1000' W. at I-71

B. PROJECT COMPONENTS: The bridge rehabilitation project includes replacing the deteriorated deck, expansion joints, approach slabs and pavement; stabilizing concrete wing walls; replacing severely deteriorated steel members and all other work required.

C. PHYSICAL DIMENSIONS/CHARACTERISTICS:

Length = 222'

Width = 60' (44' curb to curb with 2-6'-8" sidewalks)

D. DESIGN SERVICE CAPACITY: The new deck is the same width as the existing and the approaches at each end of the bridge. The four lane structure is adequate to handle the ADT if 18,992.

3.3 REQUIRED SUPPORTING DOCUMENTATION

Attach Pages.

4.0 PROJECT FINANCIAL INFORMATION

4.1 PROJECT ESTIMATED COSTS (Round to Nearest Dollar):

a)	Project Engineering Costs:	
	1. Preliminary Engineering	$ 10,000.00
	2. Final Design	$ 40,000.00
	3. Construction Supervision	$ 50,000.00
b)	Acquisition Expenses	
	1. Land	$ -0-
	2. Right-of-Way	$ -0-
c)	Construction Costs	$ 900,000.00
d)	Equipment Costs	$ -0-
e)	Other Direct Expenses	$ -0-
f)	Contingencies	$ 100,000.00
g)	**TOTAL ESTIMATED COSTS**	$ 1,100,000.00

4.2 TOTAL PORTION OF PROJECT REPAIR/REPLACEMENT

$ 1,100,000.00

4.3 TOTAL PORTION OF PROJECT NEW/EXPANSION

$ -0-

4.4 PROJECT FINANCIAL RESOURCES (Round to Nearest Dollar and Percent)

		Dollars	%
a)	Local In-Kind Contributions	$ 300,000.00	27.3
b)	Local Public Revenues	$ -0-	
c)	Local Private Revenues	$ -0-	
d)	Other Public Revenues		
	1. State of Ohio	$ -0-	
	2. Federal Programs	$ -0-	
e)	OPWC Funds	$ 800,000.00	72.7
f)	**TOTAL FINANCIAL RESOURCES**	$ 1,100,000.00	100

4.5 STATUS OF FUNDS

Attach Documentation.

4.6 PREPAID ITEMS

Attach Page.

5.0 APPLICANT CERTIFICATION

The Applicant Certifies That:

As the official representative of the Applicant, the undersigned certifies: that he/she is legally empowered to represent the applicant in both requesting and accepting financial assistance as provided under Chapter 164 of the Ohio Revised Code; that to the best of his/her knowledge and belief, all representations that are a part of this application are true and correct; that all official documents and commitments of the applicant that are a part of this application have been duly authorized by the governing body of the Applicant; and, should the requested financial assistance be provided, that in the execution of this project, the Applicant will comply with all assurances required by Ohio law, including those involving minority business utilization, equal employment opportunity, Buy Ohio, and prevailing wages.

T.E. Young, P.E. City Engineer

Certifying Representative (Type Name and Title)

T E Young 10/30/89

Signature/Date Signed

Applicant shall circle the appropriate response to the statements.
In my project application, I have included the following:

YES	NO		Two-year Maintenance of Local Effort Report as required in 164-1-12 of the Ohio Administrative Code.
YES	NO		A registered professional engineer's estimate of useful life as required in 164-1-13 of the Ohio Administrative Code.
YES	NO		A registered professional engineer's estimate of cost as required in 164-1-14 and 164-1-16 of the Ohio Administrative Code.
YES	NO		Two (2) copies of a 5-year Capital Improvements Report have been submitted to my District Integrating Committee as required in 164-1-31 of the Ohio Administrative Code.
YES	NO		A "status of funds" report per section 4.5 of this application.
YES	NO	N/A	A copy of the cooperative agreement (for projects involving more than one subdivision).
YES	NO	N/A	Copies of all warrants for those items identified as "pre-paid" in section 4.6 of this application.

6.0 DISTRICT COMMITTEE CERTIFICATION

The District Integrating Committee for District Number 2 Certifies That:

As the official representative of the District Public Works Integrating Committee, the undersigned hereby certifies: that this application for financial assistance as provided under Chapter 164 of the Ohio Revised Code has been duly selected by the appropriate body of the District Public Works Integrating Committee; that the project's selection was based entirely on an objective, District-oriented set of project evaluation criteria and selection methodology that are fully reflective of and in conformance with Ohio Revised Code Sections 164.05, 164.06, and 164.14, and Chapter 164-1 of the Ohio Administrative Code; and that the amount of financial assistance hereby recommended has been prudently derived in consideration of all other financial resources available to the project. As evidence of the District's due consideration of required project evaluation criteria, the results of this project's ratings under such criteria are attached to this application.

Donald C. Schramm, Chairperson, Dist.2 Integrating Committee

Certifying Representative (Type Name and Title)

Donald C. Schramm 1/25/90

Signature/Date Signed

OCTOBER 31, 1989

2 YEAR MAINTENANCE OF LOCAL EFFORT REPORT

CINCINNATI CAPITAL IMPROVEMENT BUDGET, 1988

PROJECT NAME	PROJECT TYPE	FUNDING SOURCE	FUNDING AMOUNT
Street Rehabilitation	Rehabilitation	Street Improvement Bond Fund	$ 7,750,000
Street Rehabilitation	Rehabilitation	Income Tax Perm. Improvement Fund	$ 1,850,000
Southside Avenue Bridge Replacement	Replacement	Income Tax Perm. Improvement Fund	$ 1,426,000
Eggleston Avenue Improvement	Widening & Channelizing	Income Tax Perm. Improvement Fund	$ 325,000
Bridge Investment Protection Program	Rehabilitation	Income Tax Perm. Improvement Fund	$ 125,000
Wall Stabilization & Landslide Correction	Rehabilitation & Replacement	Income Tax Perm. Improvement Fund	$ 500,000
City Sidewalks, Drives, Etc.	Replacement	Income Tax Perm. Improvement Fund	$ 375,000
City Hillside Stair Renovation	Rehabilitation & Replacement	Income Tax Perm. Improvement Fund	$ 50,000
Impact Attenuators	Installation	Income Tax Perm. Improvement Fund	$ 50,000
Hopple-Beekman-Westwood Northern Blvd. Intersection	Widening	Income Tax Perm. Improvement Fund	$ 100,000
Bridge Rehabilitation	Rehabilitation	Income Tax Perm. Improvement Fund	$ 310,000

OCTOBER 31, 1989

2 YEAR MAINTENANCE OF LOCAL EFFORT REPORT

CINCINNATI CAPITAL IMPROVEMENT BUDGET, 1989

PROJECT NAME	PROJECT TYPE	FUNDING SOURCE	FUNDING AMOUNT
Hopple-Beekman-Westwood Northern Blvd. Intersection	Widening	Street Improvement Bond Fund (from Issue 1 Funds)	$ 315,000
Monastary Street	Hillside Stabilization	Income Tax Perm. Improvement Fund	$ 300,000
Guerley Road	Widening	Street Improvement Bond Fund	$ 50,000
Street Rehabilitation	Rehabilitation	Street Improvement Bond Fund	$ 1,710,000
City Sidewalks, Drives, Etc.	Replacement	Street Improvement Bond Fund	$ 200,000
City Hillside Stair Renovation	Rehabilitation & Replacement	Street Improvement Bond Fund	$ 190,000
Wall Stabilization & Landslide Correction	Rehabilitation & Replacement	Street Improvement Bond Fund	$ 500,000
Belmont Avenue	Widening	Income Tax Perm. Improvement Fund	$ 300,000
Brighton Connection	Intersection Improvement	Income Tax Perm. Improvement Fund	$ 400,000
Calhoun Street	Widening	Street Improvement Bond Fund	$ 100,000
Clifton Avenue	Realignment	Street Improvement Bond Fund	$ 150,000
Elberon Avenue	Landslide Correction	Street Improvement Bond Fund	$ 60,000

2 YEAR MAINTENANCE OF LOCAL EFFORT REPORT

Hamilton Avenue	Widening	Street Improvement Bond Fund	$	200,000
Maryland Avenue	Landslide Correction	Street Improvement Bond Fund	$	100,000
Queen City Avenue	Widening	Street Improvement Bond Fund	$	700,000
Rapid Transit Tubes Under Central Parkway	Rehabilitation	Street Improvement Bond Fund	$	300,000
Stadium/Coliseum Bridges	Rehabilitation	Street Improvement Bond Fund	$	120,000
Waits Avenue	Widening	Street Improvement Bond Fund	$	50,000
Waldvogel Viaduct	Rehabilitation	Street Improvement Bond Fund	$	200,000
Warsaw/Waldvogel Ramp	Landslide Correction	Street Improvement Bond Fund	$	130,000
Groesbeck Road	Widening	Street Improvement Bond Fund	$	100,000
U.S. 50/Sixth Street Expressway	Rehabilitation	Street Improvement Bond Fund	$	100,000

City of Cincinnati

Department of Public Works
Division of Engineering

Room 440, City Hall
801 Plum Street
Cincinnati, Ohio 45202

George Rowe
Director

Thomas E. Young
City Engineer

October 30, 1989

SUBJECT: McMillan Street Bridge over Reading Road-Rehabilitation
Certification of Useful Life of Issue 2 OPWC Projects

As required by Chapter 164-1-13 of the Ohio Administrative Code, I hereby certify that the design useful life of the subject bridge rehabilitation project is ~~at least~~ twenty (20) years.

STATE OF OHIO
THOMAS E.
YOUNG
26962
REGISTERED
PROFESSIONAL ENGINEER

(seal)

T.E. Young, P.E.
City Engineer
City of Cincinnati

ENGINEERS ESTIMATE FOR MCMILLAN STREET BRIDGE OVER READING ROAD

REF. NO.	SPEC. NO.	DESCRIPTION	ESTIMATED QUANTITY	LABOR & MATERIAL	TOTAL
1	103	Contract Bond	1 Lump Sum	7,500.00	7,500
2	201	Clearing and Grubbing	1 Lump Sum	2,500.00	2,500
3	202	Superstructure Removed	460 Cu. Yd.	400.00	184,000
4	202	Portions of Abutment Removed	12 Cu. Yd.	200.00	2,400
5	202	Rail on Wing Walls Removed	144 Lin. Ft.	30.00	4,320
6	202	Pavement Removed(Rigid)	196 Sq. Yd.	15.00	2,940
7	202	Walk Removed(Concrete)	3,235 Sq. Ft.	2.00	6,470
8	202	Wearing Course Removed	1,066 Sq. Yd.	10.00	10,660
9	202	Concrete Curb Removed(Inc. Sawing of Concrete)	180 Lin. Ft.	8.00	1,440
10	202	Catch Basin Removed	4 Each	375.00	1,500
11	203	Proof Rolling	1 Hour	75.00	75
12	204	Special Excavation	1 Cu. Yd.	20.00	20
13	205	Special Fill Material	1 Ton	20.00	20
14	402	Asphalt Concrete(Leveling Course)	7 Cu. Yd.	150.00	1,050
15	404	Asphalt Concrete(Surface Course)	7 Cu. Yd.	150.00	1,050
16	407	Tack Coat(0.10 gal/sq. yd.)	107 Gal.	10.00	1,070
17	509	Replacement Steel, Grade 60, As Per Plan	238 Lbs.	1.00	238
18	510	Dowel Holes	240 Lin. Ft.	25.00	6,000
19	511	Class 'S' Concrete, Superstructure	309 Cu. Yd.	500.00	154,500
20	511	Class 'C' Concrete, Abutment	54 Cu. Yd.	400.00	21,600
21	511	Class 'C' Concrete, Wall Cap and Railing Foundation	35 Cu. Yd.	400.00	14,000
22	512	Type 'A' Waterproofing	1,147 Sq. Yd.	15.00	17,205
23	513	Structural Steel, Inc. Replacing End Floor Beams, As Per Plan	2,200 Lbs.	2.00	4,400
24	513	Welded Stud Shear Connectors	1,200 Each	5.00	6,000
25	514	Field Painting of Existing Structural Steel, Surface Preparation, As Per Plan	1 Lump Sum	5,000.00	5,000
27	514	Field Painting of Existing Structural Steel, Complete Prime Coat, As Per Plan	1 Lump Sum	5,000.00	5,000
29	514	Field Painting of Existing Structural Steel, System "A", Touch-Up	1 Lump Sum	5,000.00	5,000
31	516	Structural Expansion Joints Inc. Elastomeric Stip Seal	120 Lin. Ft.	250.00	30,000
32	517	Railing (Concrete Parapet with Double Pipe Rail)	516 Lin. Ft.	50.00	25,800
33	518	Pipe Horizontal Conductors	80 Lin. Ft.	150.00	12,000
34	518	Scuppers, Inc. Supports	8 Each	750.00	6,000
35	518	Std. 8" Pipe Downspout, Galvanized Steel 707.08, Including Specials	260 Lin. Ft.	100.00	26,000
37	519	Patching Concrete Structures	700 Sq. Ft.	20.00	14,000
38	520	Pneumatically Placed Mortar	240 Sq. Ft.	50.00	12,000
39	601	Slope Protection (18' Thick)	174 Cu. Yd.	53.00	9,222
40	602	Concrete Masonry, Class "C"	1 Cu. Yd.	210.00	210
41	602	Brick Masonry	1 Cu. Yd.	158.00	158
42	604	Catch Basins	4 Each	4,000.00	16,000
43	604	Water Valve Adjusted to Grade	1 Each	250.00	250
44	606	Flared End Section	2 Each	90.00	180
45	606	Guardrail, Type 5	100 Lin. Ft.	13.00	1,300
46	606	Anchor Assembly, Type A	2 Each	675.00	1,350

47	606	Bridge Terminal Assembly, Type A	4	Each	300.00	1,200
48	608	Concrete Walk	600	Sq. Ft.	5.00	3,000
49	609	Concrete Curb, Type P-4	436	Lin. Ft.	18.00	7,848
50	611	Reinforced Concrete Approach Slabs	98	Sq. Yd.	150.00	14,700
51	611	Reinforced Concrete Approach Walk	11	Sq. Yd.	150.00	1,650
52	614	Maintenance of Traffic	1	Lump Sum	20,000.00	20,000
53	619	Field Office	1	Lump Sum	1,500.00	1,500
54	622	Temporary Concrete Barrier	260	Lin. Ft.	30.00	7,800
55	624	Mobilization	1	Lump Sum	24,671.00	24,671
56	824	Epoxy Coated Reinforcing Steel, Grade 60	57,783	Lbs.	1.00	57,783
57	845	Latex Modified Concrete	1,066	Sq. Yd.	50.00	53,300
58	Special	Sealing of Concrete Surfaces (See Proposal Note)	766	Sq. Yd.	20.00	15,320
59	Special	Tie Back Wing Walls	1	Lump Sum	70,000.00	70,000
60	Special	Patrol Officer with Car	20	Hour	40.00	800

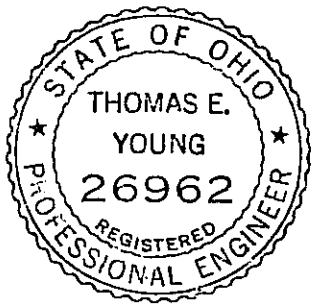
UNOFFICIAL TOTAL CONTRACT ITEMS $ 900,000

CONTINGENCIES $ 100,000

TOTAL CONSTRUCTION COST $ 1,000,000

T E Young

T. E. Young, P. E.
City Engineer



City of Cincinnati

Department of Finance

Room 250, City Hall
801 Plum Street
Cincinnati, Ohio 45202

F. A. Dawson
Director
F. X. Wagner
Superintendent

January 22, 1990

Mr. Donald Schramm, P.E., P.S.
Hamilton County Engineer
700 County Administration Building
138 East Court Street
Cincinnati, Ohio 45202

Attn: Mr. Joseph Hipfel

Re: Status of funds for local share of 1990 State Issue 2 Project

Dear Mr. Hipfel:

This letter is in follow-up to conversations you have had with the Engineering Division regarding the status of the City's matching funds for the 1990 State Issue 2 program.

The local matching share is recommended by the City Manager for funding in the City's 1990 Capital Improvement Program. The funds are coming from Street Improvement Bonds which are scheduled for sale on January 31, 1990.

Very truly yours,

F.A. Dawson
Director of Finance

cc: T. Young, Engr.
R. Cordes, Engr.
D. Perry, Engr.
R. Cline, Engr.

STATE OF OHIO · DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE INSPECTION REPORT

BR-86 REV 01-77

STRUCTURE FILE NUMBER: 3 1 0 1 2 3 1 7

BRIDGE NUMBER: HAM (CO) 00042 (ROUTE) 0329 (UNIT) MUNI= 0865 YEAR BUILT 3700

DISTRICT 08 BRIDGE TYPE 372 TYPE SERVICE 2 51 MCMILLAN STREET Bridge over Reading Road (RTS)

DECK

Item	Remarks	Type	Cond	Item	Remarks	Type	Cond
1. FLOOR	Cracking, leakage, unsound conc., spalls, Rebar exposed; DECK PULLED FROM BEAMS AT ABUTS & OVER PIERS		3	2. WEARING SURFACE	cracking, rolls, dips in wheel track, not protecting deck	2 56	3
3. CURBS & WALKWAYS	Cracking, leakage	1 10	3	4. MEDIAN		58	
5. RAILING	Leaning out, loss of support	5 12	3	6. DRAINAGE	DOES NOT drain properly see #2	0 59	3
7. EXPANSION JOINTS	min clearance, seal coming out, overlapped @ curbs.	2 14	3	8. SUMMARY		61	4

SUPERSTRUCTURE MAX. SPAN= 117

Item	Remarks	Type	Cond	Item	Remarks	Type	Cond
9. ALIGNMENT		16	2	10. BEAMS or GIRDERS	END SPANS CANTILEVERED (see 24) LOS	2 62	2
11. DIAPHRAGMS or CROSSFRAMES	LOS	17	2	12. JOIST		64	
13. FLOOR BEAMS	LOS	18	2	14. FLOOR BEAM CONNECTIONS		65	
15. VERTICALS		19		16. DIAGONALS	LOS	66	2
17. END POST		20		18. TOP CHORD		67	
19. LOWER CHORD		21		20. LOWER LATERAL BRACING		68	
21. TOP LATERAL BRACING		22		22. SWAY BRACING		69	
23. PORTALS				24. BEARINGS	NON-BEARING @ ABUTS. (ALL) HEAVY RUST @ PIERS	0 70	4
25. ARCH		24		26. ARCH COLUMNS or HANGERS		72	
27. SPANDRAL WALLS		25		28. SUSPENSION SYSTEM		73	
29. SUSPENDERS		26		30. TOWERS		74	
31. BENT POST		27		32. ANCHORAGE		75	
33. BRIDGE MACHINERY		28		34. PAINT		86 76	1
35. LIVE LOAD RESPONSE	NO BEARING POINTS AT ABUTS. SUBSTANTIAL MOVEMENT	29	E	36. SUMMARY		79	3

THIS BRIDGE NEEDS IMMEDIATE ATTENTION BY CINCINNATI MAINTENANCE. THE BEARINGS HAVE CONTINUOUSLY BEEN REPORTED AS CRITICAL AND NO ATTENTION HAS BEEN PAID TO CORRECTING PROBLEMS. BRIDGE HAS BEEN PAINTED SINCE BLOCKS @ ABUTS. HAVE BEEN MISSING.

(End spans are designed as cantilevers; bearings not critical here. City contacted last year.)

SUBSTRUCTURE SPANS= 3

Item	Remarks	Mat.	Cond	Item	Remarks	Type	Cond
37. ABUTMENTS	NON BEARING, CRACKS leakage (USELESS see 24)	2 1 30	4	38. ABUTMENT SEATS	NON-BEARING, UNSOUND	80	4
39. PIERS		5/1 33	2	40. PIER SEATS		81	2
41. BACKWALLS	FAILING BREAKING OUT AT TOPS, CRACKS, LEAKAGE, REBAR EXPOSED	36	3	42. WINGWALLS	LEANING OUT, NORTH EAST REPAIRED BUT CONTINUES MOVING, concrete ~~PIER FASCIA OFF SET ½"~~ WITH MAJOR CRACK	82	3
43. FENDERS & DOLPHINS		37		44. SUMMARY		83	4

CULVERTS

Item			Item		
45. GENERAL	38		46. ALIGNMENT	84	
47. HEADWALLS or END WALLS	40		48. SUMMARY	85	

CHANNEL

Item			Item		
49. ALIGNMENT	42		50. PROTECTION	86	
51. WATERWAY ADEQUACY	43		52. SUMMARY	88	

APPROACHES

Item	Remarks	Type	Cond	Item	Remarks	Cond
53. PAVEMENT	cracking, dips,	2 44	3	54. ALIGNMENT	89	1
55. GRADE	SETTLED (MAJOR) CAUSING heavy impact upon structure	46	3	56. APPROACH SLABS	90	
57. GUARD RAIL		9 47	1	58. RELIEF JOINTS	91	
59. EMBANKMENT		49	2	60. SUMMARY	92	6

STRUCTURE NEEDS REPAIRED; ~~POST LEGAL LOAD~~ 150%

GENERAL

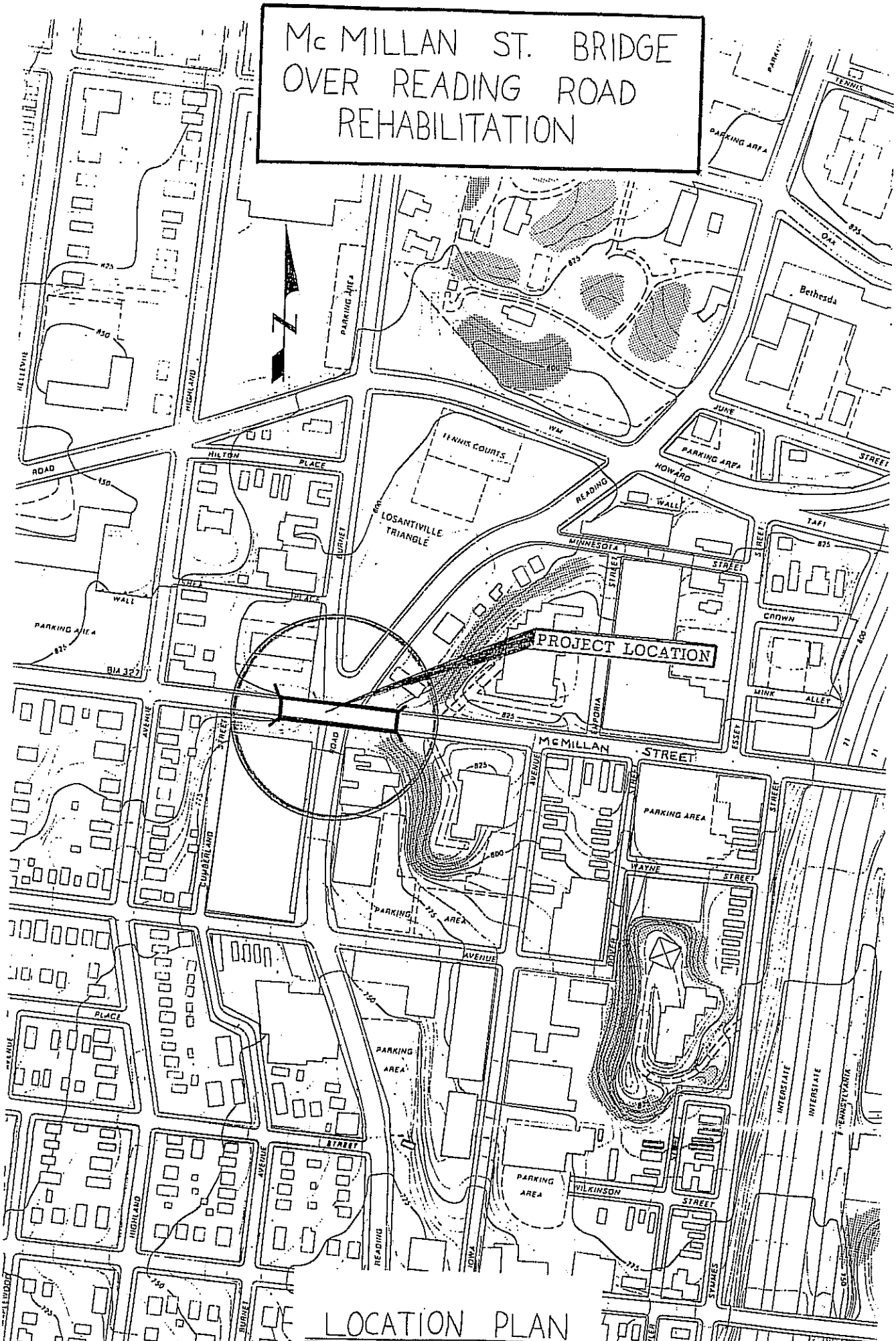
Item			Item		
61. NAVIGATION LIGHTS	50		62. WARNING SIGNS	93	
63. INSPECTION RESPONSIBILITY	1 51		64. MAINTENANCE RESPONSIBILITY	CINCINNATI / County 94	3
65. VERTICAL CLEARANCE	MVC ON=9999 UND=1607 52		66. GENERAL APPRAISAL & OPERATIONAL STATUS	95	COND 3 STAT. A

~~LAST YR 3 THIS YR SHOULD BE~~

67 INSPECTED BY: R. Hufflen, [signature] SIGNED — 97 INITIALS: SC

68 REVIEWED BY: R. Ellsroth SIGNED — 113 INITIALS: RE

Mc MILLAN ST. BRIDGE OVER READING ROAD REHABILITATION



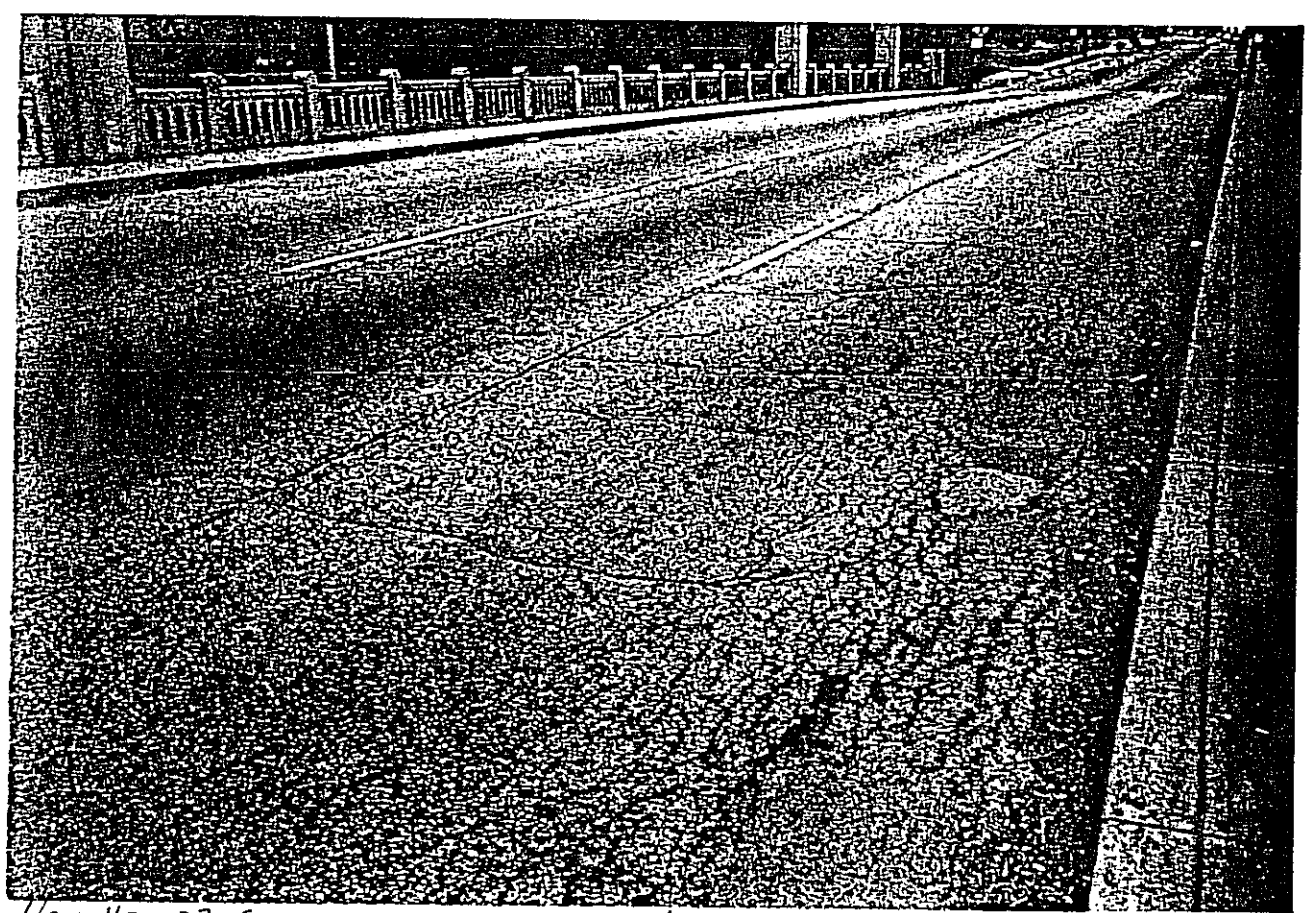
LOCATION PLAN

HAM-42-0329 (West End) 12-7-88

HAM-42-0329 EAST END 12-7-88

McMILLAN ST. BRIDGE
OVER READING ROAD

HAM-42-0329 (EAST APPR. Settled) 12-7-88



HAM-42-0329 West End 12-7-88

McMILLAN ST. BRIDGE
OVER READING ROAD

STATE OF OHIO 1990

INFRASTRUCTURE BOND PROGRAM

DISTRICT 2, HAMILTON COUNTY

PROJECT APPLICATION

Jurisdiction/Agency: City of Cincinnati Population (1980): 385,457

Project Title: McMillan Street Bridge Rehabilitation

Project Identification and Location: McMillan Street over Reading Road, 1000' W. of I-71; Total Length 222'

Type of Project: Rehabilitation [x] Replace [ ] Betterment* [ ]

(Mark more than one box if there are expansion elements such as 2 lane bridge being replaced with a 4 lane bridge)

Explanation of Betterment Elements of Project*: N/A

Road [ ] Bridge [x] Flood Control System (Stormwater) [ ]

Solid Waste Disposal Facilities [ ] Waste Water Treatment Systems [ ]

Storm Water and Sanitary Collection Storage & Treatment Facilities [ ]

Water Supply Systems [ ]

Detailed Description of Project**: The bridge rehabilitation project includes replacing the deteriorated deck, expansion joints, approach slabs and pavement; stabilizing concrete wing walls; replacing severely deteriorated steel members and all other work required.

Type of Issue 2 Funds: District 2 [x] Small Government [ ]

Water/Sewer Rotary [ ] Emergency [ ]

* See definition of Betterment attached.
** Attach additional sheets if necessary.

1. Of the total infrastructure within the jurisdiction which is similar to the infrastructure of this project, what percentage can be classified as being poor to very poor in condition, adequacy and/or serviceability.

Typical examples are:

Road percentage= $\frac{\text{Miles of road that are poor to very poor}}{\text{Total mileage of road within jurisdiction}}$

Storm percentage= $\frac{\text{Length of storm sewers that are poor to very poor}}{\text{Total length of storm sewer within jurisdiction}}$

Bridge percentage= $\frac{\text{Number of bridges that are poor to very poor}}{\text{Number of bridges within jurisdiction}}$

For county bridges located within the City of Cincinnati 19 out of 72 bridges are in poor to very poor condition = 26%

2. What is the condition of the infrastructure to be replaced or repaired? For bridges, base condition on latest general appraisal and condition rating. ODOT General Appraisal of 3A

Closed	____	Fair to poor	____
Extremely poor	XX	Fair	____
Poor	____	Good	____

■ Give a brief statement of the nature of the deficiency of the present facility such as: inadequate load capacity (bridge), surface type and width, structural condition of surface, substandard: berm width, grades, curves, sight distances, drainage structures, sanitary sewers, and water mains. List the age of the infrastructure to be repaired or replaced using one of the following categories: less than 20 years, 20-29 years, 30-39 years, 40-49 years, 50 years or older.

The asphalt wearing surface, concrete deck and expansion joints are severely deteriorated, allowing seepage to corrode primary structural steel members, concrete wingwalls are leaning. Rating 40.4 S.D. 44' curb to curb, 2-6'-8" side, for a total width of 60'.

3. If State Issue 2 funds are awarded, how soon (in weeks or months) after completion of the agreement with OPWC would the opening of bids occur?

■ Please indicate the current status of the project development by circling the appropriate answers below.

a) Has the Consultant been selected?..... Yes No N/A

b) Preliminary development or engineering completed? Yes No N/A

c) Detailed construction plans completed?..... Yes No N/A

d) All right-of-way acquired?..... Yes No N/A

e) Utility coordination completed?..... Yes No N/A

Give estimate of time, in weeks or months, to complete any item above not yet completed. The plans will be completed in 4 months with utility coordination included during that period.

4. How will the proposed infrastructure activity impact the general health, welfare, and safety of the service area.

■ Where applicable, comment on the following:

a) Overall safety, including accident reduction (Accident records should be attached, if available). Safety will be significantly improved by replacing the deteriorated bridge deck.

b) Emergency vehicle response time (fire, police, & medical) Emergency vehicles are not required to use alternate routes and traffic will be maintained throughout the majority of the project.

c) Other factors (i.e., fire protection, health hazards, etc.) Traffic is not currently required to use alternate routes due to the current condition. There are alternate routes available for detours should the need arise.

d) Additional User Costs - The additional distance and time for the users to travel a detour or an alternate route It is anticipated that a majority of the project will be constructed under traffic with any use of alternate routes solely at the discretion of the motorists.

e) When project is completed, how will it impact adjacent businesses?
The completed project will not have any adverse impact on the adjacent businesses.

Yes, MRF funds will be utilized.
To what extent of anticipated construction cost? 20%

■ List the type and amount of funds being supplied by the local agency. This amount may be from local, Federal, State, Municipal Road Fund (MRF), or other sources. Explain additional funding through other sources being applied for or received for the project. Also, explain any need to accumulate funds for construction at a later date. Complete LOCAL FUNDING SOURCES on Page 6.

■ The local agency shall supply a minimum of 10% of the anticipated construction cost. Additionally, the local agency shall pay for all costs of engineering, inspection of construction, right of way, and the betterment portion of the project. Complete ESTIMATED COST OF PROJECT, on Page 6.

6. Has any formal action by a federal, state, or local government agency resulted in a partial ban or complete ban of the use or expansion of use for the involved infrastructure?

■ Are there any roads or streets within the proposed project limits that have weight limits (partial ban) or truck restrictions (complete ban)? Have any bridges had weight limits imposed on them (partial ban) or truck prohibitions (complete ban)? Have the issuance of new Building permits been limited (partial ban) or halted (complete ban) because the existing storm/sanitary sewer or water supply system in a particular area is inadequate? Document with specific information explaining what type of ban currently exists and the agency that imposed the ban. No. Since the bridge is structurally deficient a future ban on trucks (weight reduction) may be considered if the project is not completed in the next several years.

7. What is the total number of existing users that will benefit as a result of the proposed project? Use appropriate criteria such as households, traffic counts, ridership figures for public transit, daily users, etc., and equate to an equal measurement of users.

■ For roads and bridges, multiply current documented Average Daily Traffic by 1.2 occupants per car (I.T.E. estimated conversion factor) to determine users per day. Ridership figures for public transit must be documented. Where the facility currently has any restrictions or is partially closed, use documented traffic counts prior to restriction. For storm sewers, sanitary sewers, water lines, and other related facilities, multiply the number of households in the service area by four (4) to determine the approximate number of users per day.

Current ADT 18,992 VPD. Daily users 18,992 X 1.2 = 22,790

improvements and their condition. A five year overall Capital Improvement Plan (that shall be updated annually) is attached or on file with the District 2 Integrating Committee for the current year or shall be submitted by March 31 of the program year. The Plan shall include the following:

a) An inventory of existing capital improvements, including their condition,

b) A plan that details capital improvements needs during the next five years and,

c) A list of the political subdivision's priorities in addressing these needs.

The attached Form 1 shall be completed for those projects which are being submitted for Issue 2 funds.

9. Is the infrastructure to be improved part of a facility that has regional significance? (Number of jurisdictions served, size of service area, trip lengths or lengths of route, functional classification)

Yes the project has regional impact linking the Medical Centers, U.C. and Clifton with I-71 and the entire east side of the City and County. The road is classified as a principal arterial on the Urban System.

10.) ESTIMATED COST OF PROJECT

ACTIVITY	ISSUE 2 FUNDS	LOCAL FUNDS
Planning, Design, Engineering	(100% Local)	$ 50,000.00
Right-Of-Way/Real Property	(100% Local)	$ N/A
Inspection of Construction	(100% Local)	$ 50,000.00
Construction and Contingencies	$ 800,000.00	$ 200,000.00
Betterment Portion	(100% Local)	$ N/A
Subtotal	$ 800,000.00	$ 200,000.00 **

Grand Total (Issue 2 Funds Plus Local Funds) ..... $ 1,100,000.00

LOCAL FUNDING SOURCES

Municipal Road Fund (MRF)	$ 200,000.00
State Fuel & License Funds	$ -0-
Local Road Taxes	$ -0-
Local Bond or Operating Funds	$ -0-
Misc. Funds (Specify) _____	$
Total Local Funds	$ 200,000.00 **

** These numbers must be identical

LOCAL ABILITY TO PAY

A. Previous Capital Budget For Infrastructure Projects*

Budget is based on expenditures or appropriations?* (Circle one)

Funding (in thousands of dollars)	% of TOTAL expenditures/ appropriations	% of TOTAL Capital budget USED FOR INFRASTRUCTURE REPAIR/REPLACEMENT
1986 $ 8,552	12 %	35 %
1987 $ 14,983	12 %	52 %
1988 $ 14,019	11 %	53 %
1989 $ 26,903 (est.)	15 %	75 %

B. Projected Capital Budget For Infrastructure Projects*

Budget is based on expenditures or appropriations?* (Circle one)

Funding (in thousands of dollars)	% of TOTAL expenditures/ appropriations	% of TOTAL Capital budget USED FOR INFRASTRUCTURE REPAIR/REPLACEMENT
1990 $ 32,125	16 %	80 %
1991 $ 31,107	17 %	70 %
1992 $ 36,124	17 %	80 %

* Use only funds expended or appropriated for construction CONTRACTS.

Briefly explain any significant Reduction (10% or more) in projecte expenditures or appropriations for 1989-92 as compared to actua expenditures or appropriations for previous years. (It is the intent o Issue 2 to SUPPLEMENT local capital funds, not REPLACE them.) _____

Does the jurisdiction utilize any of the following methods for funding sources? (circle answer)

Local income tax.....	(Yes)	No
Permissive license plate fee.....	(Yes)	No
Bridge and road levies.....	Yes	(No)
Tax increment financing and/or..... capital improvement bond issues	(Yes)	No
Direct user fees.....	(Yes)	No
Permit fees and fines.....	(Yes)	No

13.) AUTHORIZATION

The applicant hereby affirms that local funds will be provided if this project is selected.

Note: Attach with application any photographs, reports, plans or other available data on the project.

T.E. Young

Signature

T.E. Young, P.E.

Name

City Engineer

Position

801 Plum Street; Room 440

Address

City of Cincinnati

Local Jurisdiction/Agency

513-352-3402

Phone (Work)

APPLYING JURISDICTION/AGENCIES:

NOTE THAT THIS FORM IS BEING OFFERED FOR INFORMATION PURPOSES ONLY. IT WILL BE FILLED OUT BY THE SUPPORT STAFF, BASED ON INFORMATION SUPPLIED ON APPLICATION FORMS.

OHIO'S INFRASTRUCTURE BOND PROGRAM (ISSUE #2)

DISTRICT 2 - HAMILTON COUNTY

1990 PROJECT SELECTION CRITERIA

JURISDICTION/AGENCY: CINCINNATI

PROJECT IDENTIFICATION:

McMILLAN STREET BRIDGE REHABILITATION CIN 9001 1B

McMILLAN STREET OVER READING ROAD, 1000' WEST OF I-71;

TOTAL LENGTH = 222'.

PROPOSED FUNDING:

ELIGIBLE CATEGORY:

POINTS

10 1. Type of Project

10 points - Bridge, road, storm water.
3 points - All other type projects.

10 2. If Issue 2 Funds are awarded, how soon after the agreement with OPWC is completed would bids occur?

10 points - Will be let in 1990
5 points - Likely to be let in 1990
0 points - Not likely to be let in 1990

20

—

3. What is the condition and/or serviceability of the infrastructure to be replaced or repaired. For bridges, base condition on latest general appraisal and condition rating.

10 points - Closed
8 points - Extremely Poor
6 points - Poor
4 points - Fair to Poor
2 points - Fair
0 points - Good

4

4. Of the total infrastructure within the jurisdiction which is similar to the infrastructure of this project, what portion can be classified as being in poor to very poor in condition, and/or inadequate in service.

10 points - 50% and over
8 points - 40% and over
6 points - 30% and over
4 points - 20% and over
2 points - 10% and over

8

5. How important is the project to the health, welfare and safety of the public and the citizens of the district and/or the service area?

10 points - Significant importance
8 points -
6 points - Moderate importance
4 points -
2 points - Minimal importance

6

6. What is the overall economic health of the jurisdiction?

10 ~~20~~ points - Poor
8 ~~16~~ points -
6 ~~12~~ points - Fair
4 ~~8~~ points -
2 ~~4~~ points - Excellent

7 N/

7. Are matching funds for this project available? (i.e., Federal, State, MRF, Local, etc.). To what extent of estimated construction cost?

10 points - More than 50%
8 points - 40-50% and over
6 points - 30-49% and over
4 points - 20-29% and over (27%)
2 points - 10-19% and over

Matching / Total Costs

0 8. Has any formal action by a Federal, State or local governmental agency resulted in a partial or complete ban of the use or expansion of use for the involved infrastructure? This includes reduced weight limits on bridges.

10 points - Complete ban
5 points - Partial ban
0 points - No action

5 9. What is the total number of existing users that will benefit as a result of the proposed project. Use appropriate criteria such as households, traffic count, public transit, daily users, etc. and equate to an equal measurement of persons.

5 points - Over 10,000
4 points - Over 7,500 to 9,999
3 points - Over 5,000 to 7,499
2 points - Over 2,500 to 4,999
1 points - Under 2,449

4 10. Does the infrastructure have regional impact? (May consider size of service area, trip length or total length of route, number of jurisdictions, functional classification, etc.)

5 points - Major impact
4 points -
3 points - Moderate impact
2 points -
1 points - Minimal impact

0?

57/77 **TOTAL POINTS**

KEVIN S. & BRIAN P
Reviewer Names

11.30.89
Date